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Effects of Changing levels of UV radiation on Phytoplankton

Summary of review paper prepared on the request of FAO.

The effects of UV on phytoplankton is the subject of this study. Many UV responses in phytoplankton have much in common with reactions observed in other organisms. It seems fairly certain that responses to UV irradiation are identical in different biological and biochemical systems. The study also of non-photosynthetic forms and phtobiological model systems have yielded valuable information on the effects of UV irradiation on photosynthetic organisms. Such information will, therefore, be used here to enlighten and predict phytoplankton reponses to UV where such analyses have not been performed for this group of organism.

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